

What is claimed is:

1. A finned carbine handguard assembly comprising:
a pair of half sections adapted to be mounted on and around a gun barrel, and each of said
half sections including an outer wall having along its substantial length spaced apart
5 fins extending radially inwardly toward the axial center of said half sections for
conducting heat away from a gun barrel.
2. The finned carbine handguard assembly of claim 1 wherein said fins are comprised
of a non metallic material capable of absorbing heat and slowly conducting said heat
10 radially outwardly away from a gun barrel.
3. The finned carbine handguard assembly of claim 2 wherein said non metallic
material is further defined as being plastic.
- 15 4. The finned carbine handguard assembly of claim 3 wherein said non metallic
material is further defined as being a glass fiber reinforced polyamide.
5. The finned carbine handguard assembly of claim 3 wherein said non metallic
material is further defined as having a melting point of at least 590°F and additives to
20 increase heat stabilization, heat aging resistance, and lubrication.
6. The finned carbine handguard assembly of claim 2 wherein said assembly in its
entirety is made from a non metallic material.
- 25 7. The finned carbine handguard assembly of claim 2 wherein each of the fins of one
of said half sections includes two coplanar fin portions spaced apart to form a
longitudinally extending channel therebetween for a gas tube.
8. The finned carbine handguard assembly of claim 7 wherein said fin portions have
30 inner free end edges concave in shape for embracing a gun barrel in spaced relationship
thereto.

9. The finned carbine handguard assembly of claim 8 wherein said concave free end edges of said fin portions terminate at their opposite ends in straight edges extending to said outer wall.

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10. The finned carbine handguard assembly of claim 9 wherein said outer wall between said fin portions and in said channel includes a plurality of openings for air circulation.

11. The finned carbine handguard of claim 1 wherein each of said half sections are
10 either semi cylindrical or oval.